

TOKARSKI, A.

Bulletin - Vol. 2, no. 8, 1954.

On the tuffite layer of the upper Krosno beds in the Dukla region of the Carpathian Mountains. In English. p. 399.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

TOKARSKI, A.

Tectonics of the overlier between Dulowa and Siersza in the Coal Basin. p. 1.
ACTA GEOLOGICA POLONICA, Warszawa, Vol. 5, no. 1, 1955.

SC: Monthly List of East European Accessions, (EEL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

TOKARSKI, A.

Layers of tuff in the Carpathian Mountains near Jaslo. p. 187.

(Acta Geologica Polonica. Vol. 7, no. 2, 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

TOKARSKI, A.

"Water as a helpful element in the study of Olkusz Jura tectonics." p.415

KWARTALNIK GEOLOGICZNY, (Instytut Geologiczny) Warszawa, Poland. Vol. 2, no. 2, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

Tokarski, A.

Oil and gas prospecting in the Zechstein of the gravimetric positive anomaly of Czaplinek. p. 1.

ACTA GEOLOGICA POLONICA. (Polska Akademia Nauk. Komitet Geologiczny) Warszawa, Poland, Vol. 9, no. 1, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Unclla.

TOKARSKI, A.

The profile of Zechstein at Chojnice.
p. 119

POLSKIE TOWARZYSTWO GEOLOGICZNE. Rocznik. Krakow. POLAND
Vol. 29, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

TOKARSKI, M.; LUKASIEWICZ, B.

Vegatative propagation of *Cochaea scandens* Cav. and its hibernating.
Wiadom botan 8 no.3/4: Suppl: Biul ogrod botan no.3/4:252-254 '64.

1. Botanical Garden of the University, Wroclaw.

TOKARSKI, Zbigniew, mgr inż.; SKŁODER, Adam, mgr inż.

Statistical accident analysis in the Komuna Peryka coal mine.
Przegl gorn 21 no.1:29-35 Ja '65.

TOKARSKIY, B.N., student

Investigating stresses in infinite plates subject to local
concentrated heating. Trudy LKI no.38:146-150 '62.
(MIRA 16:7)

1. Korablenstroitel'nyy fakul'tet Leningradskogo
korablenstroitel'nogo instituta.
(Plates, Iron and steel--Welding)
(Thermal stresses)

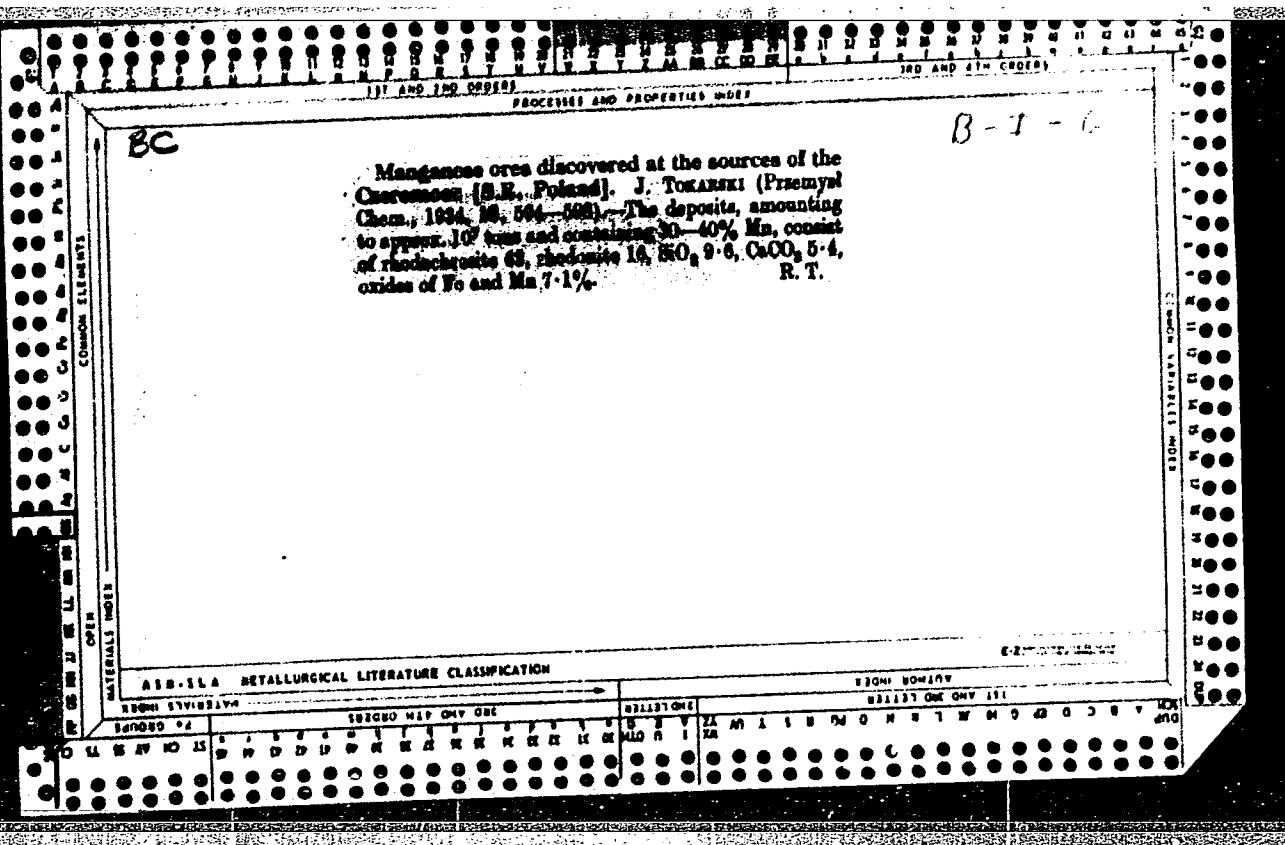
Problem of "kalification" of magmatic rock in the region of Cracow. I. Tokarski, Bull. Acad. Polon. Classe (II, 1, No. 6-205) (1953) (in English). Filipowice tuffs (I), extremely rich in K, in which "kalification" had taken place, were found in the vicinity of Kowalska Gora. I contains mainly sanidine and biotite with SiO_2 65.38, Al_2O_3 17.28, Fe_2O_3 5.49, CaO 0.3, K_2O 9.68, Na_2O 1.99%, and MgO trace. Planimetric analysis showed quartz 10%, sanidine (with spherulites) 87, biotite 2, and Fe oxides 1 vol. %. Orthosilic K trachyte is closely related to I. No traces of plagioclase could be found, and only traces of anorthite were in these tuffs. Rosen originated the term "kalification" to account for the particular conditions which arose during the final phase of the consolidation of old Cracow lavas and their tuffs. The present work shows the Cracow tuffs have spherulites (size 0.5-1 mm) composed of feldspar with 15% K_2O and Na_2O , and CaO replaced by an unknown albite. It is believed that the spherulites are an unknown form of K mineralization, fully identical with sanidine and orthoclase. J. Czerny

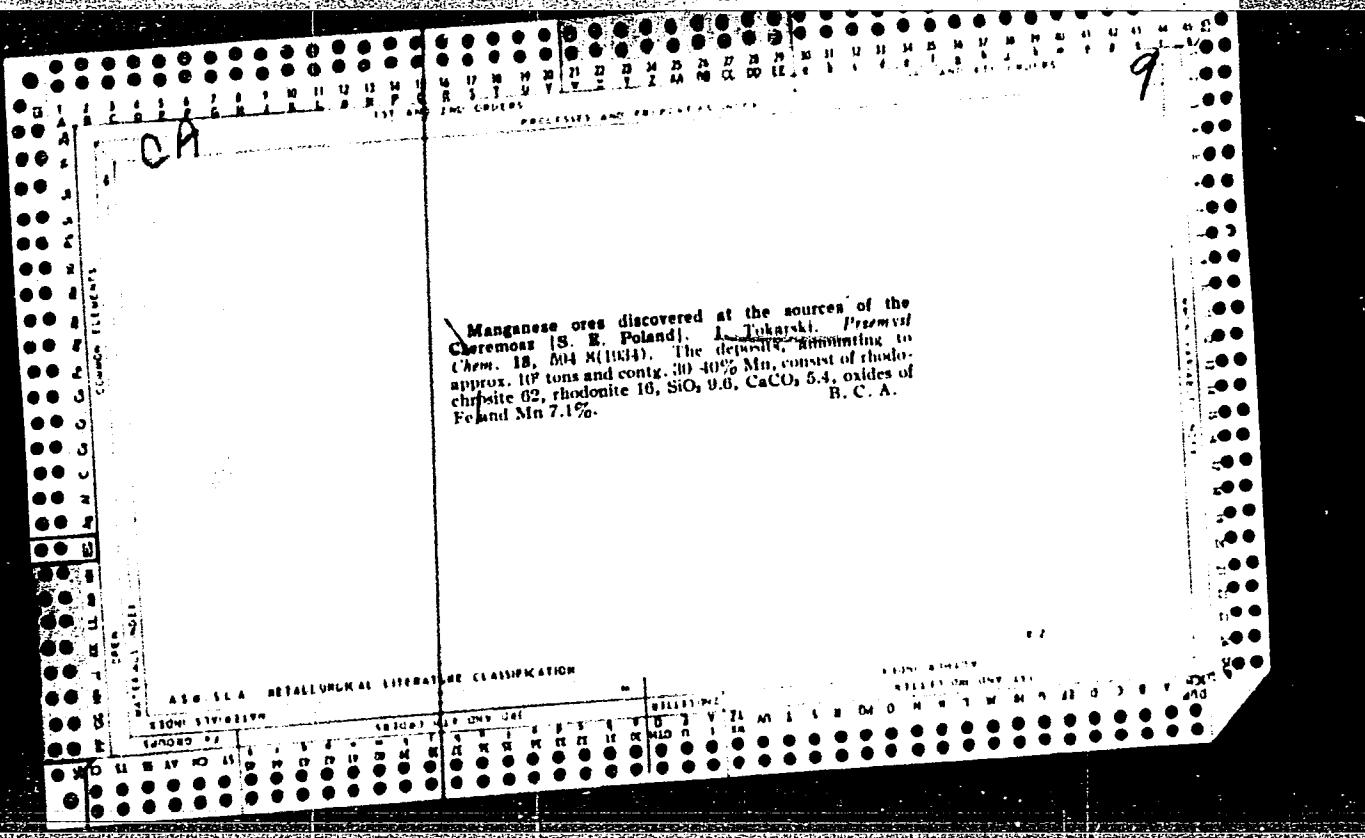
"APPROVED FOR RELEASE: 07/16/2001

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TOKARSKI, Jan, inz.

Hydrocyclones in the pulp and paper industry. Przegl. papier
20 no.10:314-319 O '64.

1. Association of the Pulp and Paper Industry, Łódź.

POGALIT, Jan, Inc.

Realization of the fund for technological progress in the pulp and paper industry. Prvegl paper 20 no.6:180-182 Je 1964.

1. Association of the Pulp and Paper Industry, Leningrad.

NIECHAJ, Andrzej; TOKARSKI, Juliusz

Cardiographic investigations on Goltz's reflex in frog (peripheral part of an afferent neurone). Ann. univ. Lublin sec. D 15:135-150 '60.

1. Z Katedry i Zakladu Fizjologii Czlowieka Wydzialu Lekarskiego Akademii Medycznej w Lublinie. Kierownik: prof. dr med. Wieslaw Holobut.

(REFLEX) (HEART physiol)

NIECHAJ, A.; TOKARSKI, J.

On the effect of the sympathetic ganglia on Goltz reflex in frogs.
Acta physiol.polon. 11 no.5/6:849-850 '60.

1. Z Zakladu Fizjologii Czlowiska A.M. w Lublinie, Kierownik: prof.
dr W.Holobut.
(GANGLIA AUTONOMIC physiol)
(HEART physiol)
(REFLEX)

NIECHAJ, A.: TOKARSKI, J.

Certain characteristics of the cardiographic picture of Goltz
reflex in frogs. Acta physiol.polon. 11 no.5/6:850-851 '60.

1. Z Zakladu Fizjologii Czlowieka A.M. w Lublinie, Kierownik:
prof.dr W.Holobut.

(REFLEX)
(HEART physiol)

Tokarski, J.

POLAND / Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49079

Author : Tokarski, J.

Inst : Not given

Title : Radioactivity of Polish Phosphorites as a Possible Indicator of Geologic Age

Orig Pub : Zesz Nauk Wizszej Szkoly Rolniczej Krakowie, No 2, 19-25 (1957)

Abstract : On the basis of an investigation of the mineral composition and of the radioactivity of phosphorites from Rakhova [transliterated] the author concludes that the conclusions of Pen'kovskiy (Ref Zhur Khim, No 9, 1954, 25123) on the correlation between radioactivity, geologic age, and mineral composition of Polish phosphorites are unfounded. -- R. Khmel'nitskiy

Card 1/1

Tokarski, J.

POLAND / Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49074

Author : Tokarski, J. and Oleksynowa, K.

Inst : Not given

Title : Mineralogic Analysis of Glauconite from Zawichost
(Kieleckie Voivodstvo [District J])

Orig Pub : Zesz Nauk Wizszej Szkoly Rolniczej Krakowie,
No 2, 27-33 (1957)

Abstract : The authors have applied microscopic and chemical analytical methods to the investigation of glauconite sands consisting of 40% glauconite and 60% quartz. The following minerals were identified in the heavy fraction: zirconium, tourmaline, kyanite, rutile, staurolite, and andalusite. The chemical composition of the glauconite was found to be as follows (in %): SiO_2 49.47, TiO_2 0.02, PtO_5 traces,

Card 1/2

POLAND / Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49074

Al_2O_3 9.95, Fe_2O_3 17.31, FeO 2.48, CaO 1.21,
MgO 2.68, MnO -, K_2O 6.50, Na_2O 0.05, CO_2 -,
 H_2O^+ 6.74, H_2O^- 4.10, total 100.51. The
deposit described is of sufficient size to warrant
development. -- R. Khmel'nitskiy

Card 2/2

D-9

TOKARSKI, J.

✓ Mineralogical analysis of glauconite from the environs
of Zawichost in the Kisice Province. J. Tokarski and E.
Oleksynowa. Zeszyty Nauk. Wydziału Górnictwa Rzeczypospolitej,
Kraków, Rocznik No. 2, 27-33(1967) (English and Russian
summarized).—The glauconite sand contained 40% glau-
conite (I) and 60% quartz sand. I sol. in HCl contained
SiO₂ 49.60, Fe₂O₃ 17.31, FeO 2.48, Ca 1.21, MgO 2.68,
K₂O 8.60, Na₂O 0.05, H₂O — 4.10, H₂O + 0.74%.

E. Halanicka

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II

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TOKARSKI, J.

Bulletin - Vol. 2, no. 8, 1954.

On the tuffite layer of the upper Krosno beds in the Dukla region of the Carpathian Mountains. In English. p. 399.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

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APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001756020013-6"

TOKARSKI, J.

A new quantitative classification of clastic rocks. p. 339.
Vol 3, no. 6, 1955. In English. BULLETIN. Varsovie, Poland

So: Eastern European Accession. Vol 5, no. 4, April 1956

"APPROVED FOR RELEASE: 07/16/2001

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APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001756020013-6"

TOKARSKI, J.

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Tokarski J. The Mineral Composition of Certain Sandy Soils in Poland
as an Index of Fertility.

"Sklad mineralny niektórych gleb lekkich w Polsce jako wskaźnik ich żyzności". Postepy Nauk Rolniczych. No. 2, 1955, pp. 18--32,
3 figs., 1 tab.

This paper outlines the pattern for a natural classification of clastic rocks. The pattern is represented as a concentration triangle and is based on the content of clay, sand, and carbonates. None of the three rock components is singled out as a basis for classification. For classifying rocks, the composition was analysed by the thermal method worked out by the author. It is shown that soil colloids primarily determine soil fertility. It is made clear that present methods of analysing soil colloids are inadequate. A simplified analytic method is proposed. This is based on the differences in solubility in HCl as between the montmorillonitic group and the other clayey groups. When the results obtained from analyses of soil samples by this method were compared with the data for "pure" clayey minerals as reported by Hengricks, it appeared that soil colloids differed from the "pure" montmorillonitic links only as regards the content of acid soluble silica. The convenience of these analytic techniques for defining soil fertility is demonstrated fully. Emphasis is laid on the wide structural and chemical range covered by the group of clays which will need considerable research efforts for detailed investigation.

AB

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3
4. Principles of the thermal analysis of soils. J. Tokarski
(Institute of Soil Science, Polish Academy of Agricultural Sciences, Cracow, Poland.)
Zeszyt sci. Instytutu Nauk Rolniczych, Ser. A, 1951, 307-410 (1952)
(in English).—Moisture losses for samples of limestone,
kaolinite, feldspar, calcite, and quartz sand were examined
upon heating successively to 150°, 400°, 500°, and 600°.
Indexes were computed from these losses. By using syn-
thetic soil mixtures the above materials excellent agreement
between calcd. and exptl. values was obtained when the
materials were subjected to thermal treatment. J. R. Metz.

DC GJW

TOKARSKI, J.

Types of forests and forest fires. p. 39.

LAS POLSKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne
Inżynierów i Techników Leśnictwa i Drzewnictwa) Warszawa, Poland.
Vol. 29, no. 5, May 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

631.414

3680

Tokarski J. The Problem of Soil Colloids.

"Zagadnienie koloidów glebowych". Postępy Nauki Rolniczej, No. 5.

Warszawa, 1954, PWRiL, pp. 41-78, 9 figs., 1 tab.

AG

On the basis of the present state of knowledge concerning solid bodies and their properties, the structure of the following minerals is presented: montmorillonite, illite and kaolinite, which are found in every soil. Properties of the montmorillonite group are emphasised, as also their importance in soil forming processes, resulting from their water storing capabilities, ease of cation exchange, structure forming and other properties. Catalytic properties of these compounds are described. In discussing analytic methods, there are given the latest results of research conducted by the author on eliminating the influence of the humus content in samples, in analyzing by the thermic method (worked out by the author), as also on eliminating the influence of water content changes in montmorillonite samples, occurring as a result of evaporation. Changes Conclusions drawn indicate 1) soil colloids - most important soil components - are of great importance in determining the value of a given soil as a plant environment. 2) the principal aim of soil science should be in organizing qualitative and quantitative research on soil colloids; 3) future soil classification should be based on the results of research of this kind. 4) new instructions concerning the determination of soil fertility should be based on a more precise knowledge of the nature of alkali exchange; 5) special attention should be given to radioactive capabilities of soil colloids.

TOKARSKI, J.

Problem of the natural classification of soils, p. 57. (ROCZNIKI GLEBOZNAWCZE,
Warszawa, Vol. 3, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955,
Uncl.

"APPROVED FOR RELEASE: 07/16/2001

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TOKARSKI, J.

"The Problem of "Kalification" of Magmatic Rocks in the Region of Krakow." In English.
P. 205,
(GEODEZJA I KARTOGRAFIA, Vol. 1, No. 5, 1953, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

TOKARSKI, J.

"The Control of the Chemical Composition of Certain Industrial Products by the Method of Power-Planimetric Analysis." In English. P. 261.
(GEODEZJA I KARTOGRAFIA, Vol. No. 6, 1953, Warszawa, Poland.)
(Polska Akademia Nauk.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Unclassified.

TOKARSKI J.

"The Genesis and Systematic Position of Bentonites." In English. P. 271,
(GEODEZJA I KARTOGRAFIA, Vol. 1, No. 6, 1953, Warszawa, Poland.)
(Polska Akademia Nauk.)

SO: Monthly List of East European Accessions, (EEAL), LC, VOL. 3,
No. 12, Dec. 1954, Uncl.

TOKARSKI, J.

TOKARSKI, J.; BRZCZOWSKI, J.

"Heavy Minerals as Correlation Indexes of Krakow Soils", P. 97, (PAN/PA
AKADEMIA NAUK, Vol. 2, No. 2, 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (FEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

✓ 4 L U N

Natural classification of soils. J Tokarski (Recens. Globus, 1854, 8, 57-105) —A quantitative method of soil classification based on mechanical composition and the sand, clay, humus, and carbonate contents is discussed. The mineral content of the soil is determined by a thermal method based on losses at 15° (dehydration of montmorillonite), 400° (burning of humus), 500° (dehydration of kaolin), and 900° (dissociation of calcite). The mechanical composition is determined by microscopy.

SILLS & PART. A. G. P.L.

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TOKARSKI, J.

"Contributions of Polish scientiest to the solution of problems in sedimentation,"
Przeglad Geologiczny, Warszawa, No 8, Aug 1954, p. 338.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

"APPROVED FOR RELEASE: 07/16/2001

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TOKARSKI, J.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Mineralogical and Geological Chemistry

(2)
The petrography of the Eocene of the Tatra Mountains ('Pod Czaplami' quarry). J. Tokarski and A. Olszak. *Polsk. Towarz. Geol.* 21, 337-353 (1951) (Pub. 1953). (English summary).—Analyses of 4 limestones show that the content of MgO decreases from 10.47 in the top horizon to 3.79% in the bottom. This is due to changes in proportion of the CaCO₃ cementing medium. The heavy minerals of the sample include garnet, zircon, rutile, epidote, staurolite, tourmaline, and biotite. Michael Pleischer

EH
7-13-54

TOKARSKI, Julian

Quantitative mineralogical characteristics of Polish sand-clay soils.
Pt.l. Rocznik nauk rolniczych 80 no.4:591-614 '60. (EEAI 9:11)
(Poland--Soils)

TOKARSKI, Julian, prof. dr [deceased]

Quantitative mineralogical characteristics of the sandy clay soils
in Poland. Pt. 2. Rocznik nauk rolniczych 88 no.1:13-42 '63.

1. Zaklad Petrografii, Akademia Gorniczo-Hutnicza, Krakow.

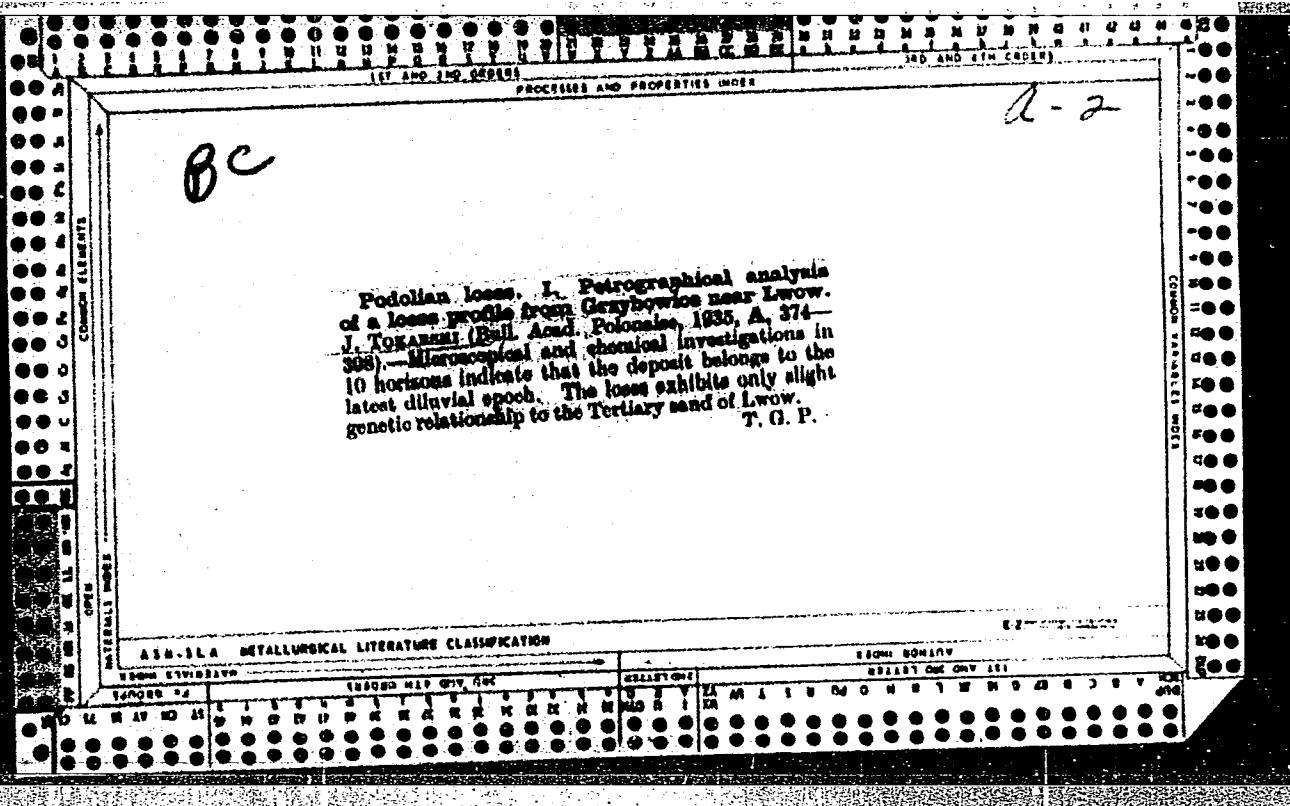
TOKARSKI, J.

Journal of the Science of
Food and Agriculture
April 1954
Agriculture and Horticulture

(1)

Polish Limestone as a Fertiliser. ✓ J. Tokarski (Roczn. nauk Roln., 1953, 68, A, No. 3, 5-29).—Polish sources of limestone are surveyed, analyses and grinding properties recorded, and agricultural uses discussed.

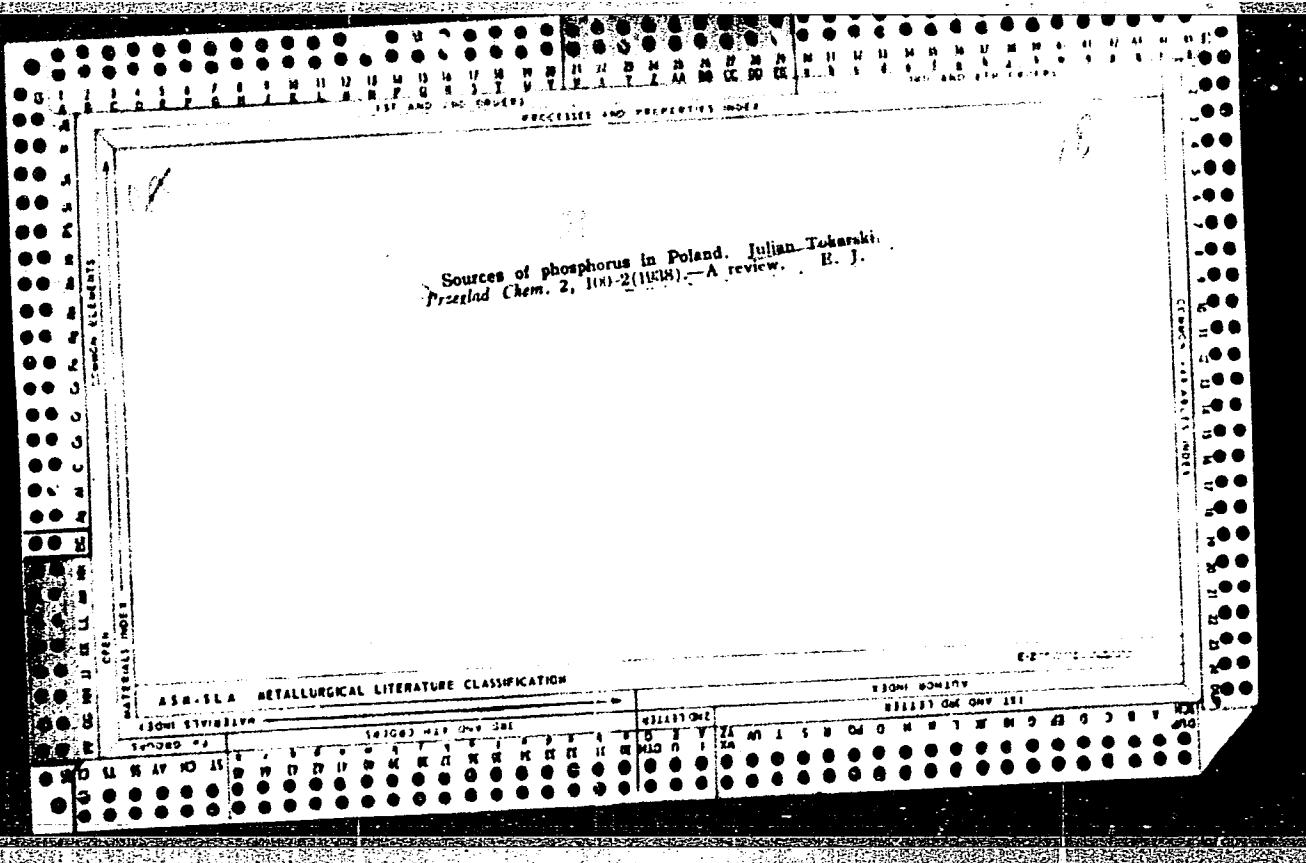
A. G. POLLARD



TOKARSKI, JULIAN

Tokarski, Julian. - Nauki mineralogiczne w Polsce. Krakow, Nakl. Polskiej Akademii Umiejetnosci; skł. gl. w ksieg. Gebethnera i Wolffa, 1948. 38 p. (Polska Akademia Umiejetnosci. Historia nauki polskiej w monografiach, 5) [Mineralogy in Poland. French summary]

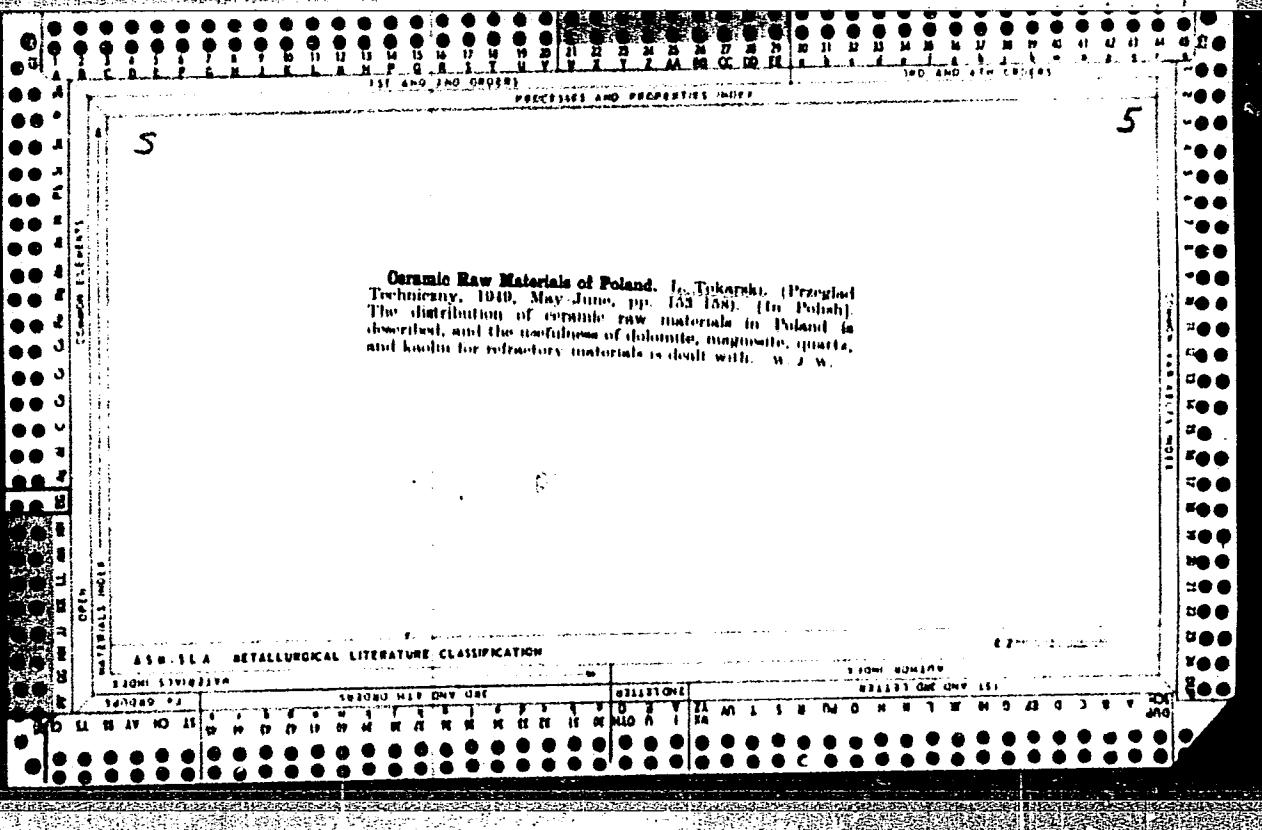
SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954



NIECHAJ, Andrezej; TOKARSKI, Juliusz

Certain characteristics of Goltz reflex in a frog in the light
of cardiographic studies. Acta physiol.polon. 11 no.3:371-384
My-Je '60.

1. Z Zakladu Fizjologii Czlowieka A.M. w Lublinie Kierownik:
prof. dr. W.Holotut
(REFLEX)
(HEART physiol)



Dispersion hardening of Un bronzes. Fryderyk Straub
and Mieczyslaw Tokarski. *Rudy i Metale Nierdzwane*, 2,
8-131 Gdansk. — A bronze comp. [Cu 93.84, Sn 5.08, Fe 0.11,
Ni 0.066, P 0.004, heated for 4 hrs. at 700° and aged at
250° for 48-96 hrs. underwent dispersion hardening. After
hardening, the specific resistance diminished on an av. of
0.000571 ohm. sq. mm./m. as a result of considerable en-
largement of grains and diminution of stresses. Specific
resistance increased after aging. The results confirmed the
Konoblejewski hypothesis on slow decompr. of supersatd.
phases.

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TOKARSKI, Stanislaw

Ten years of the Enterprise for Hydrogeology in Breslau. Przegl
geol 11 no.11:487-488 N '63.

1. Dyrektor Przedsiębiorstwa Hydrogeologicznego, Wrocław.

TOKARSKI, Z.

The technique of the deep-hole blasting. p. 229

CEMENT, WAPNO, GIPS. (Wydawnictwo "Budownictwo i Architektura")
Krakow, Poland. Vol. 11, no. 10, Oct. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

TOKARSKI, Z.

An apparatus of Polish make for drilling deep holes for blasting coal. p.56.
CENAK, WAPRO, CIPS (Panstwowe Wydawnictwa Techniczne) Krakow
Vol. 12, no. 3, Mar. 1956

So. East European Accessions List

Vol. 5, No. 9

September 1956

TOKARSKI, Zbigniew, mgr inz.; BIALEK, Stanislaw, mgr inz.

Mining of seam No. 302 in the Komuna Paryska mine under an active
fire area in seam No. 301. Przgel gorn 20 no.6: Supplement: Biul
glow inst gorn 14 no.2:276-282 Je¹⁶⁴

TOKARSKI, Zbigniew, mgr inz.; PODSIADLO, Piotr, mgr inz.

Adjustment of the GPO-100 apparatus to underground boring.
Wiadom gorn 14 no. 7/8;228-230 J1-Ag '63.

TOKARSKI, Zbigniew

Siliceous rocks in the region of Swierzawa in Lower Silesia,
as fireproof raw material. Ceramika 32 no.4:23-28 '61.

1. Katedra Technologii Ceramiki Czerwonej i Kamionki Akademii
Gorniczo-Hutniczej.

TOKARSKI, Z.

GEOGRAPHY & GEOLOGY

PERIODICALS: KWARTALNIK GEOLOGICZNY. Vol. 1, 1958

KAMIENSKI, M. The value of certain rocks in the Carpathia Flysch for
the fireproof materials industry. p. 187

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

TOKARSKI, Z.

TOKARSKI, Z. Remarks and observations on deep-hole blasting int the lime industry.
p. 270

Vol. 12, no. 12, Dec. 1956

CEMENT, WAPNO, CIFS

POLITICAL SCIENCE

Warszawa, Poland

So: East European accession Vol. 6, No. 3, March 1957

TOKARSKI, 2

2
1
MT

Fundamental reports on ceramics

Tokarski, Zbigniew: Podstawowe mialodzież ceramiki.
Katowice: Państwowe Wydawn. Tech. 1951. 224 pp.

ST

TOKARSKI, Z.

Industrial safety and hygiene and the designing bureaus of the Ministry of Metallurgy. p. 3.
(OCHRONA PRACY; BEZPIECZENSTWO I HIGIENA PRACY. Vol. 10, no. 7, July 1956,
Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

TOKARSKI, ZBIGNIEW.

Tokarski, Zbigniew. Podstawowe wiadomosci z ceramiki. Katowice,
Panstwowe Wydawn. Techniczne, 1951. 224 p. (Fundamental information
on ceramics. Illus., tables)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1,
Jan. 1954, Uncl.

TOKARSKI, Z.

Problems of raw material in the fireproof materials industry.

p. 285 (Przeglad Geologiczny. Vol. 4, no.7, July 1956, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7,no. 2,
February 1958

TOKARSKI, Zbigniew; KOSTECKI, Jan

Stanislaw Mindak, 1886-1963; obituary. Przegl geol 11 no.3:161-162
Mr '63.

KAMIENSKI, Marian; TOKARSKI, Zbigniew

Włodzimierz Wawryk, 1902-1963; obituary. Przegl gospol 11 no.3:160-161
Mr '63.

Ivanov, Zolniew, (Engineer)

"Basic Facts about Ceramics"

SO: Hutnik, No. 5, Stalinogrod, May 1953 (Air, Treasure Island # 144566, Feb. 1954,
Unclassified.)

XII

Ceramic raw materials of Poland. Z. TOKARSKI, *Przegląd Tech.*, 1949, No. 5-6, pp. 153-58; *Polish Tech. Abstracts*, 1951, No. 1, p. 33. Valuable ceramic raw materials are available in the southern part of Poland. Characteristics of the deposits and resources and features of the following materials are given: china clay, fire clay, fireproof schist, quartzite, quartzite schist, quartz silica, siliceous earth, granite, dolomite, lime rock, gypsum, and magnesite. 1 figure.

TOKARSKIY, A.P.

Developing hammers with damping of impact forces inside the system. Kuz.-shtam.proizv. 6 no.1:35-40 Ja '64. (MIRA 17:3)

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 6, p 82 (USSR) SOV/137-57-6-9891

AUTHORS: Tokarskiy, A.P., Morozov, B.A.

TITLE: Cutting Blooms on TsKBMM-1000 Shears (Rezaniye blumov na nozh-nitsakh TsKBMM-1000)

PERIODICAL: V sb.: Prokat. stany. Nr 6. Moscow, Mashgiz, 1956, pp 7-29

ABSTRACT: An investigation is made of the magnitude of the forces (F) arising in the working parts of shears in the cutting of metal. The investigations are run in 1000-t shears of TsKBMM design on which it is possible to cut a section measuring $400 \times 400 \text{ mm}^2$ or $200 \times 900 \text{ mm}^2$. The stroke of the shears is 500 mm, and the number of strokes per minute is from 6 to 20. The shears are driven from 2 model MP-490-500 electric motors of 360 kw each. The following measurements are made in this investigation: The cutting and clamping F , the F of displacement and the speeds of the knives, clamps and shock-absorbers, the stress imposed on the motor armature, the current on the armature and the rpm thereof. The presence of alloying additions in the steel at 1000°C and more has no significant effect on the magnitude of the cutting F . Dulling of the cutting edge

Card 1/2

Cutting Blooms on TsKBMM-1000 Shears

SOV/137-57-6-9891

of the knife and an increase in the clearance between the knives of up to 5% of the thickness of the metal being cut has no significant effect upon the magnitude of the unit cutting F. It is noted that, a) the magnitude of the unit actuating F depends upon the same factors as the magnitude of the unit cutting F; b) the presence of a clamp has no significant effect upon the magnitude of the unit cutting F.

B.Ye.

Card 2/2

112-1-1043

Translation from: Referativnyy Zhurnal, Elektrotehnika, p.166,
Nr 1, 1957, (USSR)

AUTHORS: Gel'man, A.S., Tokarskiy, A.P., Komissarov, S.N., and
Slepak, E.S.

TITLE: Resistance Butt Welding of Stainless Steel Bands
(Kontaktnaya stykovaya svarka polos iz nerzhaveyushchey
stali)

PERIODICAL: Sbornik: Vopr. svarki v energomashinostroyenii i metal-
lurgich. proiz-ve, Moscow, Mashgiz, 1955, pp. 120-155.

ABSTRACT: Production methods and machines of the $УКБММ$ -24
and $УКБММ-12$ types were developed for butt welding
by flashing off bands from carbon and stainless steels
3 to 4 mm thick and 400 to 450 mm wide. The $УКБММ-24$
machine has the same electric circuit as the $УКБММ-12$
and differs from it by a more improved gripping mechanism

Card 1/3

112-1-1043

Resistance Butt Welding of Stainless Steel Bands (Cont.)

developing a greater fastening force (100 tons), by a greater stiffness of the stand at the expense of anchor ties, by a greater capacity of the setting motor (16 kw) and by a correspondingly greater force of this setting (27 tons). The electric system of the ~~UKBMM~~ -24 machine consists of three basic circuits: a power supply circuit of the welding 200-kva transformer with a sectional switch and main contacts of the magnetic controller, a circuit of the MT-42-8 type motor, and a control circuit. Laboratory investigations and industrial practice in butt welding of bands demonstrated the expediency of a transition from band welding with preheating to continuous flash welding, and in addition to that, a very uniform heating of the welded rims is provided, depending lightly on the network voltage and on the accuracy of putting the butts together before welding. The use of machines with a sloping external characteristic gives an even surface of the flashed off faces with reduced requirements for the perpendicularity of the bands' cut. The magnitude of the angle of bend of the band which would not

Card 2/3

112-1-1043

· Resistance Butt Welding of Stainless Steel Bands (Cont.)

bring about cracks in the seam constitutes a criterion for the evaluation of the quality of the weld from the point of view of a possibility of subsequent cold rolling of the welded band. The machines for butt welding ought to have considerable rigidity, indispensable for obtaining the required high speed of settling and for the prevention of a possibility of displacement of the rims of the welded sheets.

B.S.B.

Card 3/3

TOKARSKIY, A.P.; MOROZOV, B.A., kandidat tekhnicheskikh nauk

Cutting blooms with TSKBMM-1000 shears. [Trudy] TSNIITMASH
no.78:7-9 '56.

(Shears (Machine tools))
(MLRA 10:1)

GEL'MAN, A.S., doktor tekhnicheskikh nauk, professor; TOKARSKIY, A.P.,
inzhener; KOMISSAROV, S.N., inzhener; SLEPAK, E.S., kandidat
tekhnicheskikh nauk.

Contact butt welding of stainless steel strips. Trudy TSNIITMASH
76:120-155 '55.
(Steel, Stainless--Welding)

ACC NR: AP6032530

SOURCE CODE: UR/0413/66/000/017/0131/0131

67

INVENTOR: Gusev, L. S.; Zimin, Yu. A.; Nistratov, A. V.; Pobedin, I. S.;
Popov, A. K.; Rozanov, B. V.; Tokarskiy, A. P.; Kholin, Yu. T.; Tulyankin, Z. V.;
Sukheglov, V. F.; Yanovskiy, V. A.

ORG: none

TITLE: Drive of a high-speed counterblow hammer. Class 49, No. 185669 [announced
by the All-Union Scientific Research Institute for the Planning and Design of
Metallurgical Machinery (Vsesoyuznyy nauchno-issledovatel'shiv i proyektno-
konstruktorskiy institut metallurgicheskogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 131

TOPIC TAGS: metal forming machine tool, forging machinery, metal press

ABSTRACT: This Author Certificate introduces a drive of a high-speed counterblow
hammer, which includes a high-pressure cylinder and a piston with a sliding sealing
bushing. To improve the operational characteristics and efficiency of the hammer,
the bushing, placed in a lower part of the cylinder, has a circular groove inside,
into which oil is pumped under pressure equal to that of the gas in the cylinder,
thus forming a layer which serves the dual purpose of sealing and lubrication. Orig.
art. has: 1 figure.

SUB CODE: 11, 13/ SUBM DATE: 22May64/
Cord 1/1 UDC: 621.974.4-82

KOROLEV, A.A., kandidat tekhnicheskikh nauk; KOGOS, A.M.; TOKARSKIY, A.P.,
NOSAL', V.V. GUREVICH, A.Ye., SHVARTSMAN, V.F.; KARPOV, V.P.;
SHUL'MAN, P.G.; ADAMOVICH, N.K.; CHETYRBOK, P.M.; TSZLIKOV, A.I.,
KUZ'MIN, A.D., kandidat tekhnicheskikh nauk; TIKHONOV, A.Ya., tekhnicheskiy redaktor.

[Blooming mill 1000] Bliuming 1000. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 271 p. (MLRA 8:8)

1. Chlen-korrespondent AN SSSR (for TSzlikov)
(Rolling mills)

L.2766-65 EWT(d)/EWT(n)/EWT(d)/IMP(v)/IMP(t)/IMP(k)/IMP(h)/IMP(i)/EWT(l)/EWA(c)
PF-h JD/RW

ACCESSION NR: AR5005708

30
S/0276/64/000/010/V004/V004 B

SOURCE: Ref. zh. Tekhnol. mashinostr. Sv. t., Abs. 10V23

AUTHOR: Rozanov, B.V.; Shofman, L.A.; Gol'man, L.D.; Makalimov, L.Yu.;
Rozhkov, V.M.; Andreyev, A.S.; Shcheglov, V.F.; Tokarskiv, A.P.

TITLE: Development of powerful forging presses and new pressure metalworking methods

CITED SOURCE: Tr. Vses. no.-i. i proyektno-konstrukt. in-ta metallurg. mashinostr.,
st. 12, 1964, 353-391

TOPIC TAGS: pressure metalworking, hydraulic press design, hammer design

TRANSLATION: The article surveys the activities of VNIMETMASH from its inception.
Described are designs of hydraulic presses and hammers developed at the Institute, as
well as new technological processes for pressure metalworking (including hydrostatic
techniques). Bibl. with 21 titles; 26 illustrations.

SUB CODE: IE/MM ENCL: 00

Card 1/1

TOKAROVSKIY, D.I., inzh.; SHEVYAKOV, N.L., kand. tekim. nauk

New "Svet-2" lamp for lighting mine shafts. Shakht. stroi.
7 no.112 16-18 N°63 (MIRA 1787)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-konstruk-
torskiy institut podzemnogo i shakhtnogo stroitel'stva (for
Tokarovskiy). 2. Institut gornogo dela imeni A.A. Skochinskogo
(for Shevyakov).

TOKAROVSKIY, D.I.

The UZP-3 ultrasonic device for profiling mine shafts. Biul.tekh.-ekon.
inform. no.5:6-7 '60. (MIRA 14:3)
(Ultrasonic waves--Industrial applications)

LAPKIN, I.Yu.; STERLIN, B.P.; TOKARSKIV, D.Ya.

Geology of gas-bearing formations of the lower Permian in the Dnieper-
Donets Lowland. Gaz.prom.no.3:4-6 Mr '56.
(Dnieper Lowland--Petroleum geology) (MLRA 10;1)
(Donets Basin--Petroleum geology)

TOKARSKIY, I.I.

Observe design specifications in mine building. Bezop.truda v
prom. 5 no.4:9-10 Ap '61. (MIRA 14:3)

1. Nachal'nik otdela rudnykh i nerudnykh iskopayemykh
Gosgortekhnadzora USSR.
(Mining engineering)

TOKARSKIY, I.I.

Eliminate dust from the air mines. Bezop. truda v prom, 4 no. 4136 Ap
'60. (MIRA 13:9)

1. Nachal'nik ctdela rudnoy i nerudnoy promyshlennosti Gosgortekhnadzora USSR.
(Mine dust--Safety measures)

SHAKLANOV, I.Ye., inzh.; TOKARSKIY, L.B., inzh.

Extracting salt blocks from lakes and mines. Mekh.trud.rab. 12
no.12:43-44 D '58. (MIRA 11:12)
(Salt mines and mining--Equipment and supplies)

AUTHORS: Shaklanov, I.Ye. and Tokarevskiy, L.B., Engineers SOV/118-58-12-14/17

TITLE: The Extraction of Salt Blocks From Lakes and Mines (Dobycha solyanykh blokov v ozerakh i shakhtakh)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 12, pp 43 - 44 (USSR)

ABSTRACT: The existing method of obtaining fodder salt bricks is not economical. Research carried out by the Vsesoyuznyy nauchno-issledovatel'skiy institut solyanoy promyshlennosti - VSNII (All-Union Scientific Research Institute of the Salt Industry) has shown that the most advisable method is to use the SM-89A stone-cutting machine with a salt collecting and transporting machine of the type SBUM-2, developed by VSNII. When using the new combination of machines labor productivity increases on the average by 7 times. There are 2 diagrams.

Card 1/1

LEVITSKIY, A.F. [reviewer]; TOKAR'SKIY, M.K. [author].

"Notebook for independent work in geography." M.K.Tokarekii.
Reviewed by A.F.Levitskii. Geog. v shkole no.6:73 N-D '53.
(Tokarekii, M.K.) (Geography--Study and teaching)
(MLRA 6:12)

GUDZENKO, P. [reviewer]; KARA-MOSKO, A.S.; TOKARSKIY, N.K. [authors].

"Russian-Ukrainian dictionary of geographic names." A.S.Kara-Mosko,
N.K.Tokarskii. Reviewed by P.Gudzenko. Geog. v shkole no.6:72-73
N-D '53.

(Geography--Dictionaries) (Tokarskii, N.K.) (Kara-Mosko,A.S.)
(Russian language--Dictionaries--Ukrainian)

TOKARSKIY, 16-2

SOSKIN, Lev Mikhaylovich; TOKARSKIY, Natan Solomonovich; LEPIN, A.B., red.;
RODCHENKO, N.I., tekhn. red.

[Drop forging of parts from molten metal] Shtampovka detalei iz
zhidkogo metalla. [Leningrad] Lenizdat, 1957. 122 p. (MIRA 11:7)
(Forging)

PHASE I BOOK EXPLOITATION 902

Soskin, Lev Mikhaylovich and Tokarskiy, Natan Solomonovich

Shtampovka detaley iz zhidkogo metalla (Press Diecasting of Parts
From Molten Metal) [Leningrad] Lenizdat, 1957. 122 p.
3,000 copies printed.

Ed.: Lepin, A.E.; Tech. Ed.: Rodchenko, N.I.

PURPOSE: This booklet is a practical manual for specialized workers
and engineers in the founding, forging and stamping industries.

COVERAGE: The booklet presents experience gained in the production
of complex parts from nonferrous alloys by a method of press die-
casting molten metal. It is stated that this method consists of a
new advanced manufacturing process which up to the present time
has not found wide industrial application. Problems of preparing
and pouring nonferrous alloys are discussed and their physical,
chemical, and mechanical properties are presented. The following

Card 1/4

Press Diecasting of Parts (Cont.)

902

personalities took part in developing and introducing the press diecasting method: Z.V. Malashenkov, head of the laboratory, developed a method for controlling the temperature of molten metal and dies; N.K. Kucherenko, laboratory engineer, conducted various tests with produced parts; N.A. Slavin, head foreman, took an active part in introducing the method to industry; P.I. Pankin, head of the foundry laboratory, participated in developing press diecasting techniques; L.G. Rot'kin, technologist of the metallurgical department took part in determining press diecasting regimes. The whole project was conducted in close cooperation with the All-Soviet Design and Manufacturing Institute. N.S. Krasil'shchik, S.I. Koromyslov, I.M. Krolik, and M.V. Afanas'ev are also mentioned as contributors. There are 24 Soviet references.

TABLE OF CONTENTS:

Ch. I. Nonferrous Alloys and Their Production	7
1. Characteristics of alloys	7

Card 2/4

Press Diecasting of Parts (Cont.)	902
2. Melting furnaces	11
3. Calculation of furnace charge	16
4. Melting of tin-free bronze	20
5. Melting of brass	22
Ch. II. Press Diecasting of Molten Metal	24
6. Fundamentals of the process	24
7. Influence of various factors on the quality of produced parts	28
8. Production of parts by press diecasting and results of investigations	31
9. Heat treatment of parts produced by die presscasting of molten metal	72
10. Experience with production of parts by the method of die presscasting of molten metal	75
Ch. III. Presses and Dies	106
11. Equipment for die presscasting molten metal.	106
12. Some problems of die design	112

Card 3/4

Press Diecasting of Parts (Cont.)	902
Conclusions	117
Appendix	
A. Instructions for die presscasting molten metal	119
B. Instruction on safety techniques in die presscasting molten metal	
Bibliography	120
AVAILABLE: Library of Congress (TS225.S65)	122

Card 4/4

GO/jmr
11-26-58

TOKARSKY, N. S.

25(5)

25

TABLE 7 WORK EXPERTISE

NIV/2166

Open nationalization movement publication, K 250-Jatriu (Leningrad).
 Experience in Improving Press Work; in the 250th anniversary of Leningrad
 [Scientific] Institute, 1971. 198 p., 3,000 copies printed.

M. (Editor, prep); P. V. Romanov Ed. (Inside book); Yu. V. Tomil'yevskiy;

M. (Editor, prep); N. I. Radchenko
 Spek. Rad. N. I. Radchenko

PURPOSE: The collection of articles is intended for workers and engineers in related branches of machine

forge shops and also for designers of

machinery.

CONTENTS: The book describes the experience gained at several industrial plants

in the rationalization of manufacturing processes, modernization of equipment, tables

and improvements in the economic and operating characteristics of every article. No personalities are mentioned. There

are no references.

NAME OF SOURCE

/OL'YANOVSK, B. M. and T. D. Belya - Practices in Producing Welded Parts

25

O.L.Yanovsk, B.M. and T.D. Belya. Practices in Introducing Hot Plastic

112

Forging of Non-Ferrous Alloys on Percussion Presses

Ivanov, I. M. and E. D. Tolokolskiy. Press-Planning of Molten Non-Ferrous

127

Alloys

Borodavchik, V. A. Practices in Modernizing Pressing Equipment and

150

Modernizing Its Repair

Orlova, G. M. Practices in Modernizing the Power Drive Percussion Press 157

Orlova, G. M. (Candidate of Technical Sciences and Doctor's Dissertation)-

175

Principles of Modernizing Methods for Improving the

Economy and Planning of Press Shops

NIV/REL
10-10-59

Card 2/5

AVAILABILITY: Library of Congress (MS 225, KJ6)

(C)

SOSKIN, L. M. and TOKARSKIY, N. S. (Engr.)

In book Shaped Casting of Copper, (Cont.) Collection of Articles.
Moscow, Mashgiz, 1957, 205pp.

Soskin, L. M. and Tokarskiy, N. S., Engineers, Manufacture of Copper-alloy Parts by Compression Molding of Molten Metal (Platn Practice)

Compression molding of molten metal is described by the authors as the most efficient method for preparing nonferrous high integrity parts. Compression molding of molten metal is said to be carried out on a 750-ton press with either a vertical or a horizontal plunger. Parts produced by this method are reported to have mechanical properties as good as those produced by forging and to be more economical than conventional casting because no material is wasted for reformed blanks, or risers and gates. The various aspects of compression molding are described and illustrated and there are also numerous photomicrographs showing the uniformly fine-grained structure of compression-molded parts. The text briefly outlines the characteristics equipment used, and an appendix lists safety rules to be observed in compression molding of molten metal. No personalities are mentioned. There are no references.

Book contains papers presented at convention Moscow, Dec '55, on shaped-copper alloy

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Nuclear Physics. Academy of Sciences. USSR

APPROVED FOR RELEASE: 07/16/2001

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ACCESSION NR: AP4037607

S/0056/64/046/005/1900/1901

AUTHOR: Nemets, O. F.; Pikar, F.; Slyusarenko, L. I.; Tokarevskiy, V. V.

TITLE: Elastic scattering of deuterons by strontium and tin isotopes

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1900-1901

TOPIC TAGS: strontium, tin, deuteron, elastic scattering, angular distribution, diffraction pattern

ABSTRACT: The elastic scattering of 13.6-MeV deuterons by strontium and tin isotopes. Measurements in the angle range 10° -- 150° were made with a selective scintillation spectrometer. The strontium targets were polystyrene films impregnated with SrCO_3 . In the angle region 0° + 30° , the peaks corresponding to elastic scattering by the strontium could be separated reliably from the peaks corresponding to the elastic scattering by carbon and oxygen. The tin targets were free-standing foils 3 -- 4 mg/cm^2 thick with 90% enrichment. In the region of angles larger than 25° the angular distributions of Sr have a clear out diffraction structure, which changes little on going from isotope to isotope. The angular distributions obtained for the tin isotopes are in good agreement with those of N. Cindro

Card: 1/3